

C I P E JC21301
SEP 14 1999

Sheet 1 of 2

| | | |
|---|-------------------------|----------------------------|
| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | Docket No: P2160/187847 | Application No: 09/255,222 |
| Applicants: Michael S. Williams and R. Richard Sargent | | |
| Filing Date: February 22, 1999 | | Group Art Unit |

U S PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------------|----------|-------------------|-------|----------|----------------------------|
| PAN | 5,676,707 | 10/14/97 | Kuwabara et al. | 8 | 436 | |
| | 5,672,279 | 09/30/97 | Sargent et al. | 210 | 698 | |
| | 5,616,151 | 04/01/97 | Sargent | 8 | 636 | |
| | 5,427,748 | 06/27/95 | Wiedrich et al. | 422 | 264 | |
| | 5,380,518 | 01/10/95 | Roozdar | 423 | 477 | |
| | 5,308,401 | 05/03/94 | Geke et al. | 134 | 2 | |
| | 5,234,466 | 08/10/93 | Sargent et al. | 8 | 585 | |
| | 5,223,179 | 06/29/93 | Connor et al. | 252 | 548 | |
| | 5,215,602 | 06/01/93 | Ali et al. | 148 | 23 | |
| | 5,124,438 | 06/23/92 | Brueckmann et al. | 530 | 354 | |
| | 4,906,384 | 03/06/90 | Hamilton | 210 | 697 | |
| | 4,894,169 | 01/16/90 | Delitsky | 210 | 698 | |
| | 4,882,202 | 11/21/89 | Holtzman et al. | 427 | 98 | |
| | 4,756,888 | 07/12/88 | Gallup et al. | 423 | 42 | |
| | 4,692,314 | 09/08/87 | Etani | 423 | 265 | |
| | 4,673,522 | 06/16/87 | Young | 252 | 87 | |
| | 4,555,348 | 11/26/85 | Moran | 252 | 1 | |
| | 4,472,283 | 09/18/84 | Brooks | 210 | 698 | |
| | 4,466,893 | 08/21/84 | Dill | 252 | 855 | |
| ↓ PAN | 4,448,841 | 05/15/84 | Glass et al. | 428 | 270 | |
| PAN | 4,404,116 | 09/13/83 | Young | 252 | 182 | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Subclass | Translation | |
|-----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| PAN | 19 5241-B | 06/30/89 | Hungary | — | — | X | |
| PAN | 37,811 | 02/28/86 | Hungary | — | — | X | |
| PAN | CB 61 275487 | 12/05/86 | Japan | — | — | X | |
| PAN | 49 116388 | 11/07/74 | Japan | — | — | X | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----|----|---|
| PAN | DC | Bailey, D.G., et al., "Leather," <u>Concise Encyclopedia of Chemical Technology</u> , Kirk-Othmer eds., pp. 694-695, H. Wiley-Interscience Publication, John Wiley & Sons, New York (1985) |
| PAN | AC | Gyori, Erzebet, et al., "Household Scale Solvent," <u>Chemical Abstracts</u> , 105(14):117062z (1986) |
| PAN | EC | O'Flaherty, F., et al., "Preparation for Tannage," <u>The Chemistry and Technology of Leather</u> , Vol. 1, Chapters 12, 26, 27, 31, 32 and 58, Robert E. Kreiger Publishing Co., Huntington, NY (1978) |
| PAN | BC | <u>The Merck Index</u> , 10th Edition, page 657 (1983) |
| PAN | SC | Zhdamarova, V.M., et al., "Textile Auxiliary Agents Based on Monoesters of Sulfosuccinic Acid," <u>Textil Chem.</u> , 18(1):19-31 (1988) abstract only |

| | |
|---|---------------------------|
| Examiner: P.A. Hruskoci | Date Considered: 12/17/99 |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. | |

S P E
J C 23
SEP 14 1999

Sheet 2 of 2

| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | | Docket No.: P2160/187847 | Application No.: 09/255,222 | | | | |
|---|-----------------|--|------------------------------------|--|-------|----------|----------------------------|
| | | Applicants: Michael S. Williams and R. Richard Sargent | | | | | |
| | | Filing Date: February 22, 1999 | Group Art Unit | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| Examiner Initial | Document Number | Date | Name | | Class | Subclass | Filing Date If Appropriate |
| <i>P.A.</i> | 4,402,852 | 09/06/83 | Young | | 252 | 182 | |
| | 4,382,799 | 05/10/83 | Davis et al. | | 8 | 107 | |
| | 4,350,494 | 09/21/82 | Scheidegger et al. | | 8 | 636 | |
| | 4,345,063 | 08/17/82 | North | | 528 | 245 | |
| | 4,332,584 | 06/01/82 | Muralidhara | | 8 | 94.27 | |
| | 4,327,997 | 05/04/82 | Prentiss et al. | | 8 | 94.26 | |
| | 4,300,898 | 11/17/81 | North | | 8 | 185 | |
| | 4,285,738 | 08/25/81 | Ogata | | 134 | 26 | |
| | 4,285,690 | 08/25/81 | North | | 8 | 186 | |
| | 4,285,689 | 08/25/81 | Sieglar | | 8 | 94.26 | |
| | 4,273,876 | 06/16/81 | Monsheimer | | 8 | 94.18 | |
| | 4,215,989 | 08/05/80 | Cartier | | 8 | 94.27 | |
| | 4,164,477 | 08/14/79 | Whitley | | 252 | 99 | |
| | 4,129,416 | 12/12/78 | Bennett et al. | | 8 | 115 | |
| | 4,087,360 | 05/02/78 | Faust et al. | | 210 | 58 | |
| | 4,058,498 | 11/15/77 | Bonnet | | 252 | 8.8 | |
| | 4,056,354 | 11/01/77 | Pittman et al. | | 8 | 54 | |
| | 3,988,108 | 10/26/76 | Segoshi et al. | | 8 | 17 | |
| | 3,985,900 | 10/12/76 | Stephan | | 426 | 1 | |
| | 3,958,061 | 05/18/76 | Singer et al. | | 428 | 276 | |
| | 3,953,352 | 04/27/76 | Mizutani et al. | | 252 | 142 | |
| | 3,936,316 | 02/03/76 | Gulla | | 134 | 3 | |
| <i>P.A.</i> | 3,912,681 | 10/14/75 | Dickson | | 8 | 137 | |
| Examiner: <i>P.A. HEUSKOEP</i> | | Date Considered: <i>12/17/99</i> | | | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. | | | | | | | |

SEP 16 1999

RECEIVED